

WHAT IS CLAIMED IS:

1. A loop antenna for a mobile terminal, the loop antenna comprising:
a first line for generating and transmitting predetermined electric waves upon
5 receiving current from an oscillator for oscillating power, and including a connection
point to connect an external line thereto;
a second line including a first end connected to a printed circuit board to ground
current supplied to the first line and a second end having an opened structure; and
a third line having a first end connected to the first line at the connection point
10 and a second end connected to the second line coupled to the printed circuit board in
order to receive the current from the first line through the connection point and transmit
the current into the second line.
2. The loop antenna as claimed in claim 1, wherein the second line is spaced
15 from the first line by a uniform interval.
3. The loop antenna as claimed in claim 1, wherein the first line and the
second line form a dual stack structure.
- 20 4. The loop antenna as claimed in claim 1, wherein the second line is
arranged symmetrically to the third line.
5. The loop antenna as claimed in claim 1, wherein the first, second, and
third lines are accommodated in the mobile terminal.

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